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Ardeshir Tabibi, Reg. No. 48,750 (650) 326-2400 Application No.: 10/758,711 Filed; January 15, 2004 Title: Method And Apparatus For Image Processing Applicant: Axel K. Kloth Sheet 1 of 6

10 20 30 15 PCI Card **Host Mainboard** ADC CCD or other (Analog-to-Digital image capturing Converter) device **Host DRAM** 22 Transient Image RAM (Frame 32 **Buffer**) 24 PCI NorthBridge PCI Bridge with with DMA **DMA Controller** Controller 34 26 **Host CPU** 36

Fig. 1 (Prior Art)

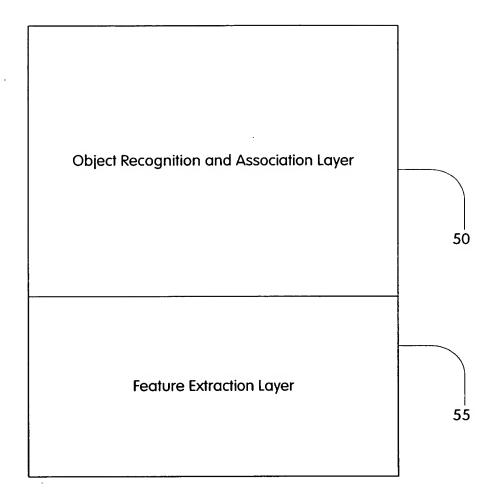


Fig. 2 (Prior Art)

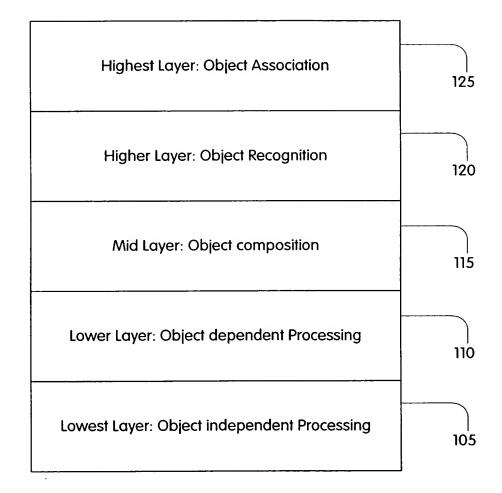


Fig. 3

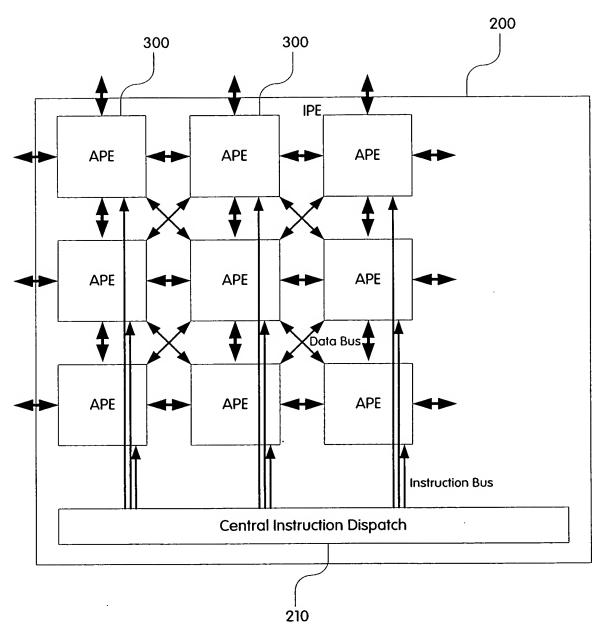


Fig. 4

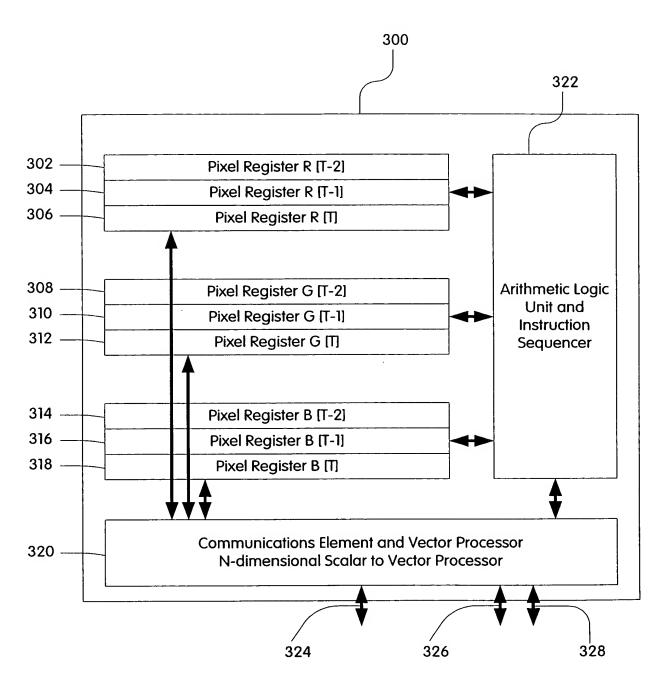


Fig. 5

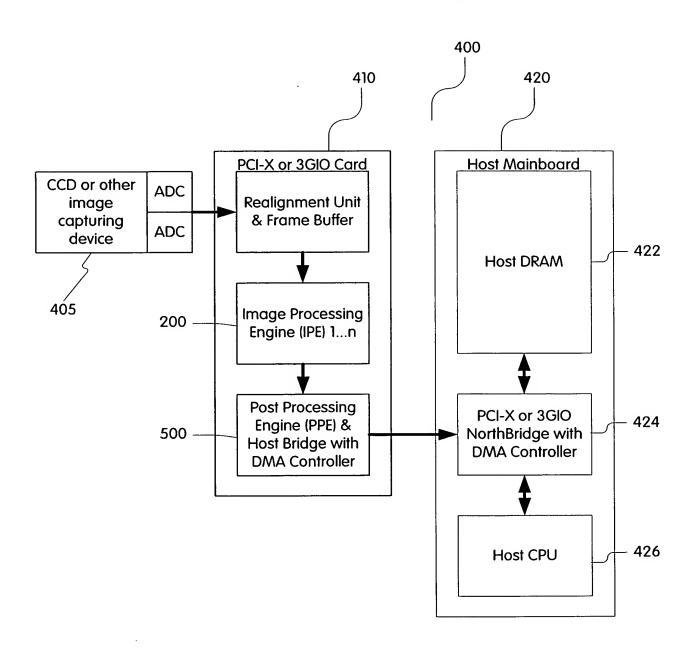


Fig. 6